

query	LVAFADFG-SVTFTNAEATSGGSTVGPSDATVMDIEQDGSVLTTETSVSGDS-VTV
sequence1	LVAFADFG-SVTFTNAEATSGGSTVGPSDATVMDIEQDGSVLTTETSVSGDS-VTV
sequence2	LVPFANFG-TVTFTGAEATTSSSGTVTAADATLIDIEQNGEVLTSVTVSGST-VTV
sequence3	LVQFANFG-TVTFTGASATQNGESVGVTGAQIIDLQQN-SVLTSSTSSNS-VTV
sequence4	LVNFADFD-TVTFKDCSPSVSG-----STIVDIRQSLVLTETCSTGTTTVTC
sequence5	FVPFASFSPAVEFTDCSVTSDGESVSLDDAQITQVIINNQDVTDCSVSGTT-VSC
sequence6	FVPFASFSPAVEFTDCSVTSDGESVSLDDAQITQVIINNQDVTDCSVSGTT-VSC
sequence7	FVPFASFSPAVEFTDCSVTSDGESVSLDDAQITQVIINNQDVTDCSVSGTT-VSC

FIGURE 1

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	B	I	G	T	O	W	N	S	O	W	N
B	2										
I		2									
G			2								
B	2										
R											
O					2				2		
W						2				2	
N							2				2
T				2							
O					2				2		
W						2				2	
N							2				2
O					2				2		
W						2				2	
N							2				2

FIGURE 2.

SECRET

	B	I	G	T	O	W	N	S	O	W	N
B	2										
I		2									
G			2								
B	2										
R											
O					2				2		
W						2				2	
N							2				2
T				2							
O					2				2		
W						2				2	
N							2				2
O					2				6	0	0
W	0	0	0	0	0	4	0	0	0	4	0
N	0	0	0	0	0	0	2	0	0	0	2

FIGURE 3.

2025 RELEASE UNDER E.O. 14176

FIGURE 4.

	B	I	G	T	O	W	N	S	O	W	N
B											
I											
G											
B											
R											
O											
W											
N											
T											
O											
W											
N											
O											
W											
N											

FIGURE 5.

FIGURE 5

FIGURE 6.

FIGURE 7

BIG-TOWNSOWN---

BIGBROWNTOWNOWN Similarity = 18. Gap = -2. Total Score = 16

090616 074204
102120 945050

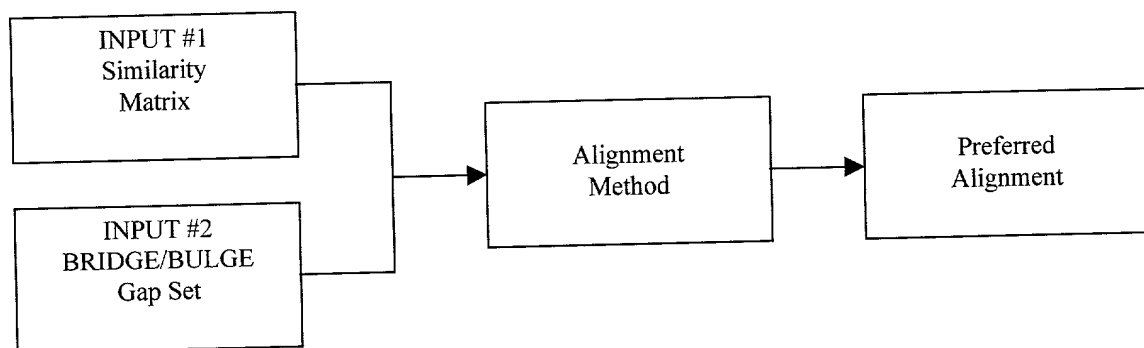


FIGURE 8

Express Mail No.
EL533097460US
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Gap Type	Start Res.	End Res.	# Residues
BULGE	3 (G)	5 (O)	7
BRIDGE	7 (N)	9 (O)	1

FIGURE 9.

EL533097460US

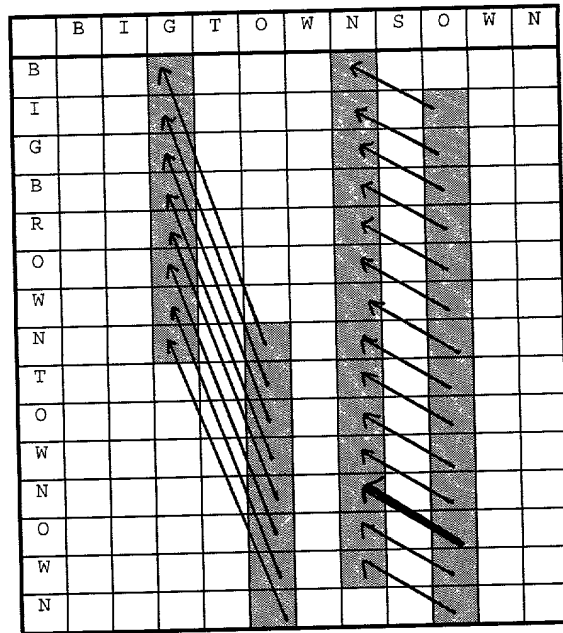


FIGURE 10

00005476.034904
F00120525000

	B	I	G	T	O	W	N	S	O	W	N
B	2										
I		2									
G			2								
B	2										
R											
O					2				2		
W						2				2	
N							2				2
T				2							
O					2				2		
W						2				2	
N							7	6	1	0	2
O	0	0	0	1	6	0	0	1	6	0	0
W	0	0	0	0	0	4	0	0	0	4	0
N	0	0	0	0	0	0	2	0	0	0	2

FIGURE 11.

2025-04-20 09:25:50

Express Mail No.
EL533097460US
265/297 Debe 12 of 38

	B	I	G	T	O	W	N	S	O	W	N
B	2										
I		2									
G			12	7	5	6	3	0	0	0	0
B	7	9	12	9	2	5	6	3	0	0	0
R	8	6	5	12	5	1	5	6	1	0	0
O	11	8	6	5	12	5	1	1	6	0	0
W	8	11	8	3	5	10	3	0	0	4	0
N	6	8	11	8	3	5	8	3	0	0	2
T	6	6	8	11	6	3	5	6	1	0	0
O	3	6	3	6	11	6	3	1	6	0	0
W	1	3	6	3	4	9	6	3	0	4	0
N	0	1	3	6	1	1	7	6	1	0	2
O	0	0	0	1	6	0	0	1	6	0	0
W	0	0	0	0	0	4	0	0	0	4	0
N	0	0	0	0	0	0	2	0	0	0	2

FIGURE 12

FIGURE 12

	B	I	G	T	O	W	N	S	O	W	N
B											
I											
G											
B				0	3	5	7	9	11	13	15
R				3							
O				5							
W				7							
N				9							
T				11							
O				13	1						
W				15							
N				17							
O				19							
W				21							
N				23							

FIGURE 13

TOP SECRET

FIGURE 14.

FIGURE 15

BIG-----TOWNSOWN

BIGBROWNT-OWN-OWN Sim. = 18. Gap = -2. Total Score = 16.

TOP SECRET



FIGURE 16

FOET-20-92T50000


```
>P1;1b4k
structureX:1b4k: 10 :A : 335 :A :
YPYTRLRRNRDDFSRRLVRENVLTVDDLILPVFVL DGVNQRESIPSM PGVERLSIDQLLIEAE
EWVALGIPALALFPVT:PVEKKS LDAAEAYNPEGIAQRATRALRERFPELGIITDVALDPFTTH
GQDGILDDDGYVLNDVSI DVLVRQALSHAEAGA QVVAPSDMMDGRIGAI REALESAG:HTNVRI
MAYSAKYASAYYGPF RDAVGSASN LGKGNKATYQMDPANSDEALHEVAADLAEGADMVMVKPGM
PYLDIVRRVK:DEFRAPTFVYQVS GEYAMHMGAIQNGWLAE:SVILES LTAFKRAGADGILTYF
AKQAAEQ LRR*
```

```
>P1;SC001
sequence:SC001: 13 : : 340 :
EISSVLAGGYNHPLLQWQSERQLTKNMLIFPLFISDNPDDEFTEIDSLPNINRIGVNRCLKDYLK
PLVAKGLRSVILFGVPLIPGTKDPVGTAADDPAGPVIQGIKFIREYFPELYIICDVCLCEYTSH
GHCGVLYDDGTINRERSVSRLAAVAVNYAKAGAHCVAPSDMIDGRIRDIKRGLINANLAHKTFV
LSYAAKFSGNLYGPFRDAACSA::PSNGDRKCYQLPPAGRGLARRALERDMSEGADGIIVKPST
FYLDIMRDASEICKDLPICAYHVSGEYAMLHAAAEGKVVDLKTIAFESHQGFRLAGARLIITYL
APEFLDWLDE*
```

FIGURE 17

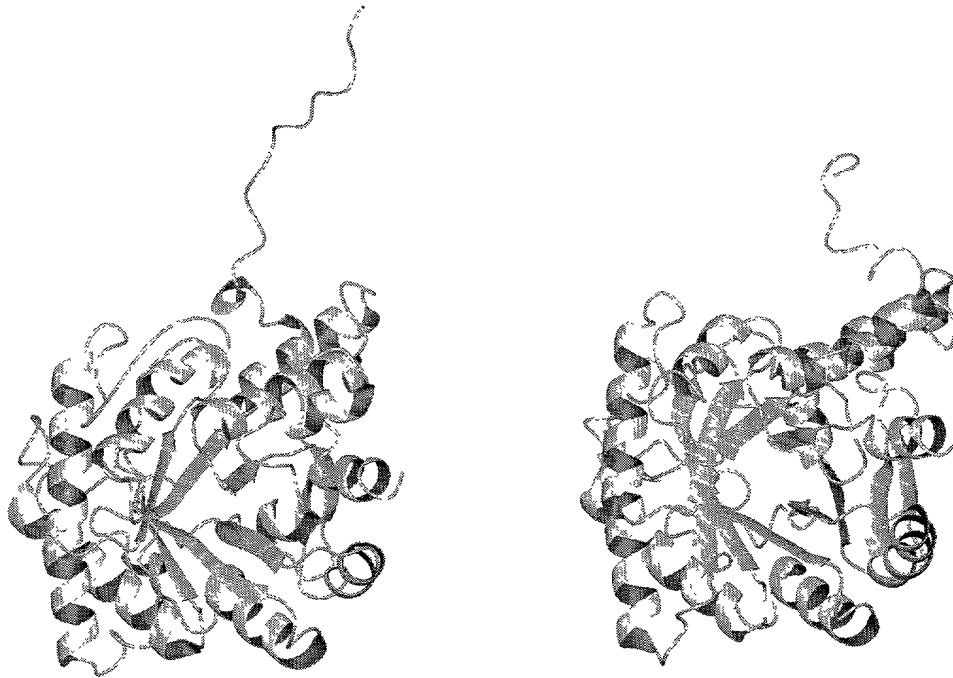


FIGURE 18

[illegible]

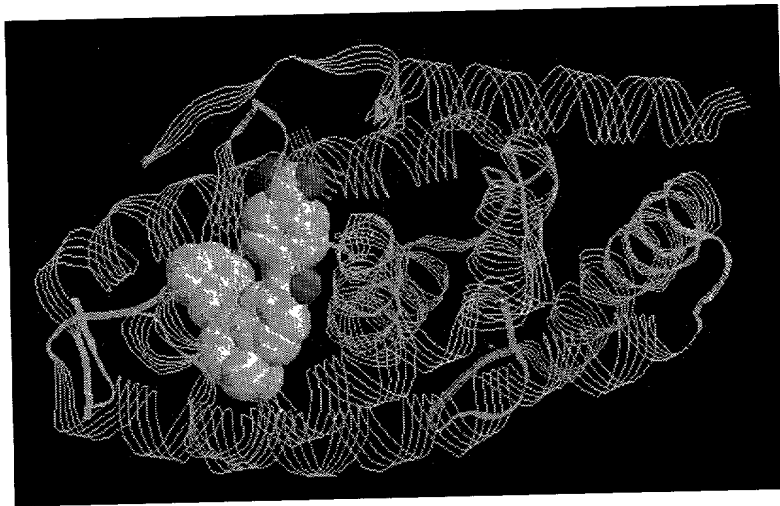


FIGURE 19

102420-94T50560

>P1;1a28
structureX: 1a28A : 701 : : 915 : :
AGHDNTKPDTSSSLTSLNQLGERQLLSVVKWSKSLPGFRNLHIDDQITLIQYSWMSLMVFGLGWSYKHVS
GQMLYFAPDLILNEQRMKESSFYSLCLTMW-QIPQEFVKLQVSQEEFLCMKVLLLLNTI-PLEGLRSQTQFE
EMRSSYIRELIKAIGLRQKGVVSSQRFYQLTKLLDNLHDLVKQLHLYCLNTFIQSRALSVEFPPEMMSEVIA
A*
>P1;gi7766906
sequence: gi7766906 : 27 : : 233 :
EANMGLNPSSPNDPVTNICQAADKQLFTLVWAKRIPHFSELPLDDQVILLRAGWNELLIASASHRSIA--V
KDGILLATGLHVHRNSAHSAGVGAI FDRVLTSLVSKMRDMQMDKTELGLCLRAIVLFNPDS--KGLSNPAEVE
ALREKVYASLEAYCKHKYP---EQPGRFAKLLLRPALRSIGLKCLEHLFF-FKLIGDT--PIDTFLMEMLE
A*

FIGURE 20

FIGURE 20

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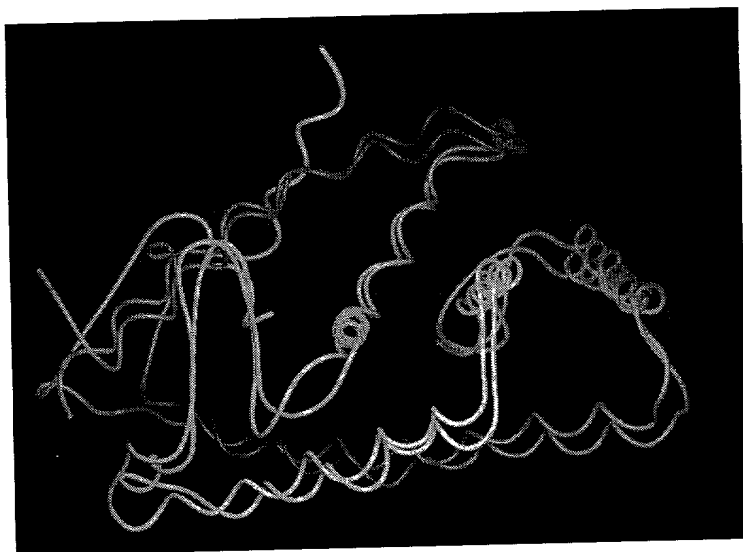


FIGURE 21

FILED 20 34 50 50

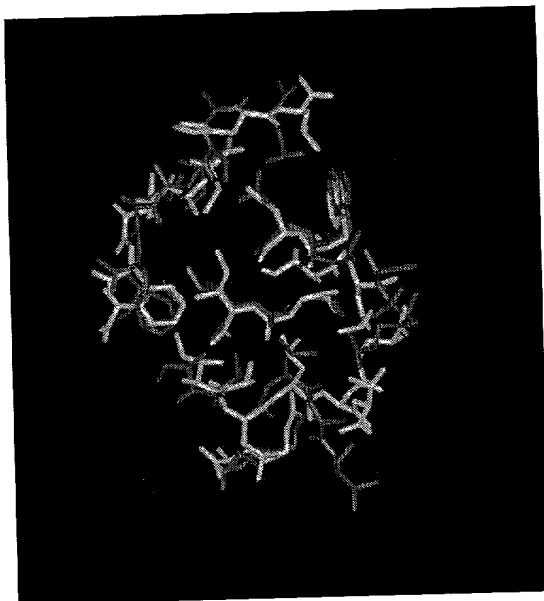
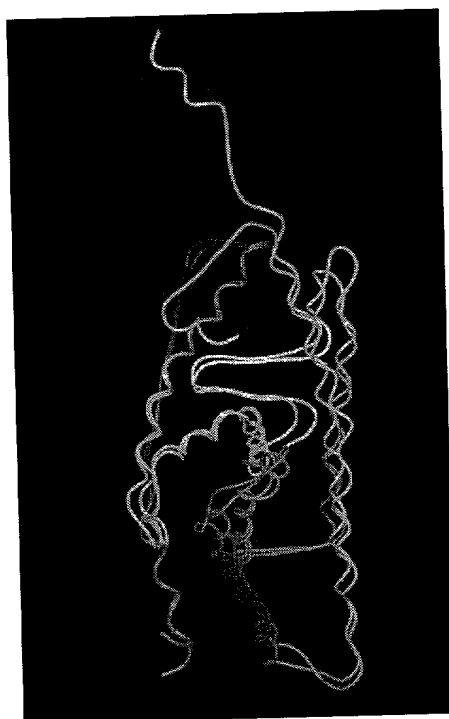


FIGURE 22

FOOT 20-32T50000

FIGURE 24

[illegible]**FIGURE 25**

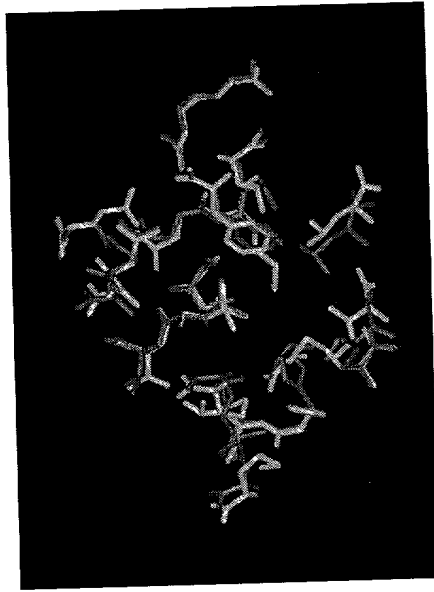


FIGURE 26

000046-074604
FOR 20-9450000

>P1;1c3w
structureX: 1c3wA : 5 : : 231 : :
TGRPEWIWLAGTALMGLTLYFLVKGMGVSDPDACKFYAITTLVPAIAFTMYLSMLLGYGLTMVPFGGE--
QN---PIYW-ARYADWLFTTPLLALLLDADQGTILALVGADGIMIGTGLVGALTKVY--S--YRFVW
WAISTA-AMLYILYVLFPGF-----SMRPE-VA-STFKVLRNVTVVLWSAYPVVWLGSEG-----AGI---V
PLNIETLLFMVL-DVSAKVGFGILLRSRAIFG*
>P1;1e12A
sequence: 1e12A : 4 : : 236 :
ENALLSSSLWVNVALAGIAILVFVYMGRITRPRPRIWGATLMIPLVSISSYLGLLSGLTVGMIEMPAGHA
LAGEMVRSQW-GRYLTWALSTPMILLALGLLADVDLGSFTVIAADIGMCVTGLAAAMTTS---ALLFRWAF
YAISCA-FFVVVLSALVTDWAASASSAGT--A--EIFDTRLRVLTVVWLWLGYPVWAVGV-----EGLALVQ
SVGATSWAYSVL-DVFAKYVFAPILLRWVANNE*

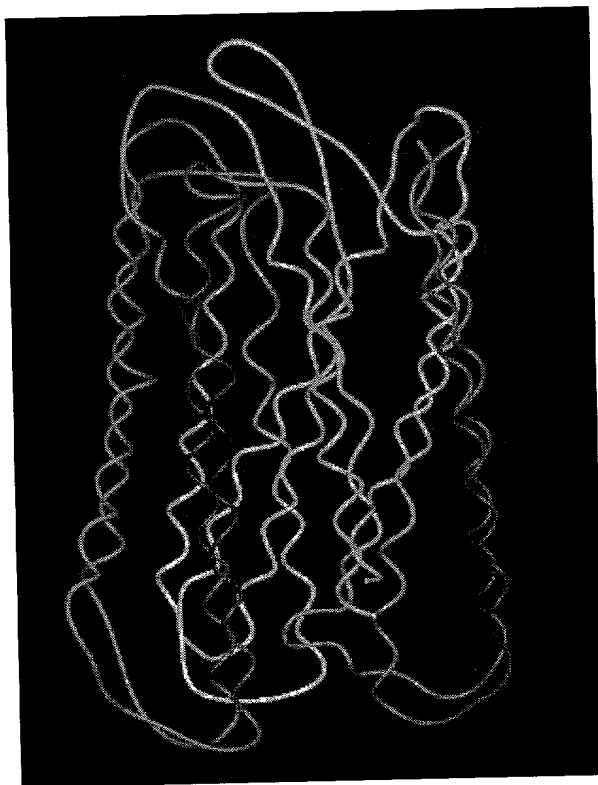
FIGURE 27

FILED "34" 30650

265/297 Dec 20 1961

[illegible]

FIGURE 29

**FIGURE 30**

>P1;6prc
structureX: 6prcL : 14 : : 258 : : GTLIGGDLFDWVGPFVGFVSAIFFIFLGVSLIGYAASQG-P----
---TW-DPFAISINPPDLKYGLG
A-APLLEGGFWQAITVCALGAFISWMLREVEISRKLIGWHVPLAFCVPIFMFCVLQVFRPLLLGSWGHAFF
YGILSHLDWVNNFGYQYLNWHYNPGHMSSVSFLFVNAMALGHLGGLILSVANP-GD----GD-----
-KVKTA-EHENQYFRDVGYSIGALSIHRLGLFLASNIFLTGAFGTIASGPFWTRG*
>P1;6prcM
sequence: 6prcM : 34 : : 292 :
YSYWLKGIGDAQIGPIYLGASGIAAFAGSTAILIILFNMAAEVHFDPLQFFR--QFFWLGLYPPKAQYGMG
I-PPLHDGGWWLMAGLFMTLSLGSWWIRVYSRARALGLGTHIAWNFAAAIFFVLCIGCIHPTLVGSWSEGV
FGIWPIDWLTAFSIRYGNFYCPWHGFSIGFAYGCGLLFAAHGATILAVARFG-----GDREIEQITDRG
T--AV--ERAALFWRWTIGFNATIESVHRWGWFSLMVMVSASVGILLTGTFVDNW*

FIGURE 31

2004-04-20 14:50:00

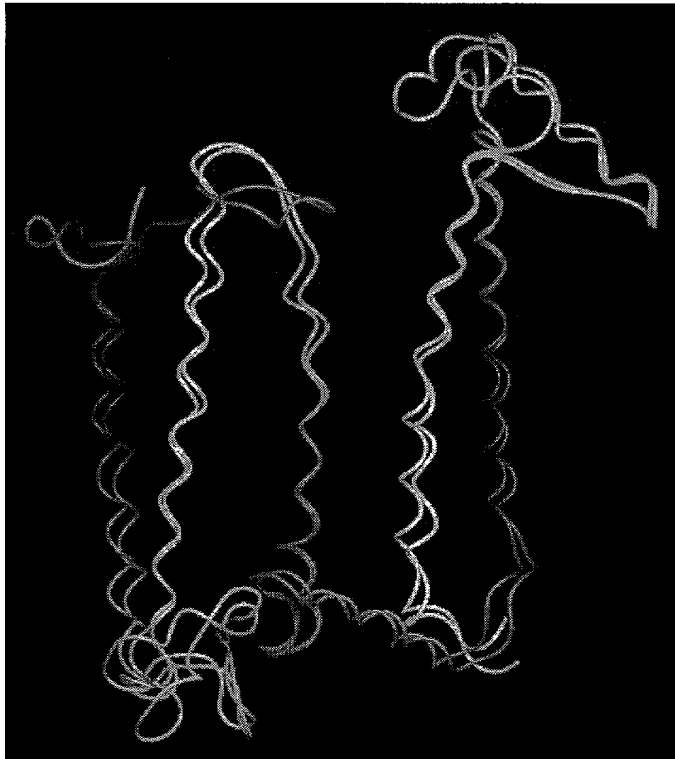


FIGURE 32

>P1;lqj8
structureX: lqj8A : 4 : : 148 : :
TVTGGYAQSDAQGM-NKMGGFNLKYRYEEDNSPLGVIGSFTYTE-K--SRTASSGDYN-KNQYYGITAGPA
YRINDWASIYGVVGVGYGKFKQTTEYPTYK-NDTSDYGFSYGAGLQFNPMENVALDFSYEQSRIRS-----
--VDVGTWIAGVGYRF*
>P1;lbxA
sequence: lbxA : 19 : : 171 :
YHDTGLINNN--GPTHENKLGAGAFGGYQV-NPYVGFEMGYDWL--GRMPYKGSVENGAYKAQGVQLTAKLG
YPITDDLDIYTRLGGMVWRADTY-SNVYGKNHDTGVSPVFAGGVEYAITPEIATRLEYQWTNNIGDAHTIGT
RP-DNGMLSLGVSYRF*

FIGURE 33

2005-07-07 10:50:00

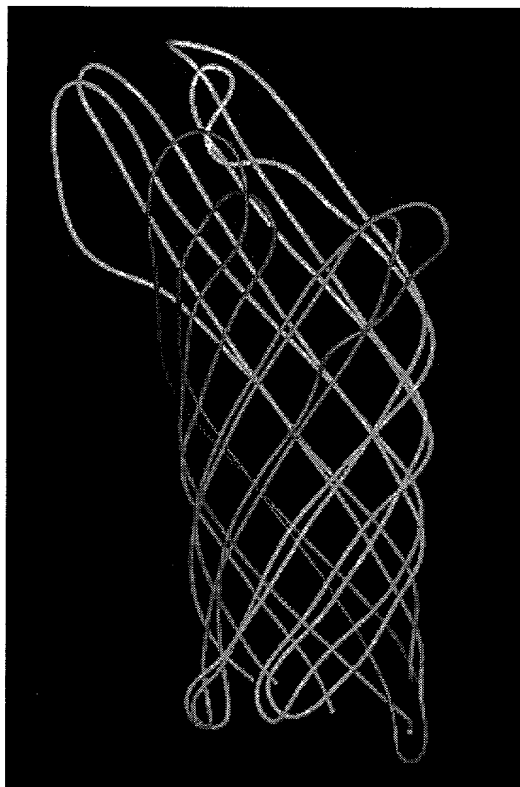


FIGURE 34

FIGURE 34

```
>P1;2por
structureX: 2por : 1 : : 301 :
EVKLSGDARMGVMYNGDD---WNFSSRSRVLFMTSGTTDSGLEFGASFKAHESVG-----AETGEDGTV
FLSG-AFGKIEMGDALGASEALFGD--LYEVGYTDLDDRGNDIPYL-----TGDERLTAEDNPVLLYTY-
SA-----GAFSVAASMS--DGKV-----GETSED-----DAQ---EMAVAAAYT-F--G
NY---TVGLGYEKIDSP-----DTAL-----MADMEQLELAIAKFGATNVKAYYADGELDRDFARAV
FDLTPVAAAATAVDHKAYGLSVDSTFGATTVGGYVQVLDIDTIDDVITYYGLGASYDLGGGASIVGGIADNDL
PNSDMVADLGVKFKF*
>P1;1osmA
sequence: 1osmA : 10 : : 332 :
KLDLYGKIDGLHYFSDDKDVD-GDQTYMRLGVKGETQINDQLTGYGQWEYNVQ-ANNTSSSDQAWTRLAFA
GLKFGDAGSFDYGRNYGVVY-DVTSWTDVLPE-----FGGDTY-----GSDNFLQSRANGVATYRN-
SDFFGLVDGLNFALQY---QGKNGSVSGEGATNNGRGAL---KQN-----GD---GFGTSVTYD-I--F
D---GISAGFAYANS-----KRTDDQNQLLLGEGDHAETYTGGLKYDANNIYLATQYTQTYNATRAGSL-
-GFANKAQNFEEVAAQYQFDFGLRPSVAYLQSKGKDLNG-YGDQDILKYVDVGATYYFNKNMSTYVDYKINLL
DDNSFTRSGISTDD*
```

FIGURE 35

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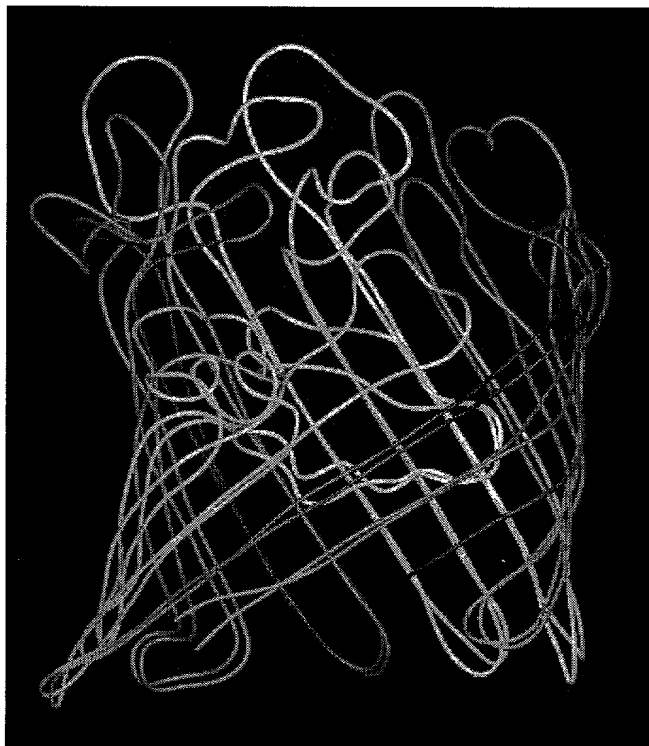


FIGURE 36

FIGURE 36

P1;2mpr
structureX: 2mprA : 2 : : 427 : :
DFHGYARSGIGWTGS-----G---GEQQC-----FQA--TGAQSKYRLGNE-----
--CETYAELKLGQEVWKEGDKSFYFDTNVAYSVNQND--WEST-DPAFREANVQGKNL---IEWLPGSTIW
AGKRFYQRHD--VHMIDFYWYDISGPGAGIENIDLGFGLS-LAATRSTEAGGSYTFSSQNIYDEVKDTAN
DVFDVRLAGLQTNPDGVLELGVYGRANTTDGYKL-ADGASKDGMFTAEHTQSMLKGYNKFVVQYATDAMT
TQKGQARGSDGSSSFTEKINYANKVINNG-NMWRILDHGAISLGDKWDLMYVGMYNIDWDNNL--GTEW
WTVGVRPMYKWTPI MSTLLEVGYDNVKS-QQ-----TGDRNNQYKITLA-QQ---WQAGDSIWSRPAIRI
FATYAKWDEKWGYIKDGNISRYAAAT-NSGISTNSRGDSDEWTFGAQMEIWW*
>P1;1a0tP
sequence: 1a0tP : 4 : : 413 :
EFHGYARSGVIMNDSGASTKSGAYITPAGETGG-----AIGRL-----GNQ-----
--ADTYVEMNLEHKQTLDN GATT RFKVMVADGQTSYNDWTASTS-DLNVRQAFVELGNLPTFAGPFGSTLW
AGKRF--DRDNFDIHWDSDVVFLAGTGGGIYDVKWDGLRSNFSLYGRNFGDIDDSSNSVQNYILTMNHFA
GPLQMMVSGLRKDNDRKDSNG-NLAKGDAANTGV-----HALLGLHND SFYGLRDGSSKTALLYG-HGLG
AEVKGIGSDGA-----LRPGADTWRIASYGTTPLSENWSVAPAMLAQRSKDRYADGDSYQW
ATFNLRLLIQAINQNFALAYEGSYQYMD--LKPEGYNDRQAVNGSFYKLT--APT FKVGSIGDFFSRPEIRF
YTSWMDWSKKLN NYASDDALGS---DGF-----NSGGEWSFGVQMETWF*

FIGURE 37

2025-03-04 15:00:00



FIGURE 38

FOOT 505050